

Date: Sun, 28 Aug 94 02:32:33 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #968
To: Info-Hams

Info-Hams Digest Sun, 28 Aug 94 Volume 94 : Issue 968

Today's Topics:

Comment 26/08/94 16:35

Volume 94 : Issue 968

Comment 26/08/94 16:35
Cushman Spectrum 6000 - User manual Needed...
Daily Summary of Solar Geophysical Activity for 24 August
General Class course
L.A. Area Assistance For LY2B0
Liscence
Manual for RS HTX-100
Motorola HT 1000
Need QSL database address (auto responder!)
QEX Magazine - Where to Find?
QST Subscription? (2 msgs)
re:Cushcraft R7. Does it work?
Ten Tec Corsair stability
test

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>

Send subscription requests to: <Info-Hams-REQUEST@UCSD.EDU>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 27 Aug 1994 04:03:58 GMT

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!hookup!
nic.ott.hookup.net!takeone!john.@@ihnp4.ucsd.edu
Subject: Comment 26/08/94 16:35
To: info-hams@ucsd.edu

-> Hi John! I have been trying to fax the TCA rate card to you at 747-16
-> for the past two days but the line just rings and rings. Is this the

-> correct number and is the fax machine on standby on that line?
->
-> Thanks, Rob, VE3YE (voice phone 837-4477)

The number is correct Rob. My FAX is a modem connected to the computer and sometimes does not work properly. I tested it last night and it seems to be working again. The modem is set to pickup after four rings. If it does not work the next time you try to send the rate card, please use my office fax number, 990-8772.

73 de John VA3CR

Date: 26 Aug 1994 21:42:58 +0200
From: ihnp4.ucsd.edu!munnari.oz.au!quagga.ru.ac.za!ucthpx!itu1.sun.ac.za!
cstatd.cstat.co.za!not-for-mail@network.ucsd.edu
Subject: Cushman Spectrum 6000 - User manual Needed...
To: info-hams@ucsd.edu

I need a user manual for the Cushman Spectrum 6000 Radio System Analyser. Can anyone provide either the Fax (or e-mail) number of Cushman, or a xeroxed (photo-copied?) copy?

Please e-mail replies to the Reply-To: listed above.

Thanks in advance.

Cheerio,

Brian ZR5DTS Voice: ++27-31-7011201 (06:00-14:30 UTC)
Internet: briane@goofy.iaccess.za Fax: ++27-31-7090813
AX25 Packet: ZR5DTS@ZS5S.NTL.ZAF ICBM's: 29:51:05 S 30:53:59 E

I am glad I don't know everything, that way life isn't boring - Brian Ellse 94

Date: Thu, 25 Aug 1994 11:13:40 MDT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!torn!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 24 August
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

24 AUGUST, 1994

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 24 AUGUST, 1994

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 236, 08/24/94
10.7 FLUX=071.9 90-AVG=078 SSN=050 BKI=1221 0212 BAI=004
BGND-XRAY=A1.1 FLU1=3.6E+05 FLU10=1.3E+04 PKI=2211 1222 PAI=005
BOU-DEV=007,011,010,006,004,013,008,010 DEV-AVG=008 NT SWF=00:000
XRAY-MAX= B2.4 @ 1808UT XRAY-MIN= A1.0 @ 2353UT XRAY-AVG= A2.2
NEUTN-MAX= +002% @ 1140UT NEUTN-MIN= -003% @ 1445UT NEUTN-AVG= -0.2%
PCA-MAX= +0.3DB @ 1510UT PCA-MIN= -0.1DB @ 2355UT PCA-AVG= +0.0DB
BOUTF-MAX=55224NT @ 1311UT BOUTF-MIN=55186NT @ 1803UT BOUTF-AVG=55212NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+085,+000,+000
GOES6-MAX=P:+151NT@ 1751UT GOES6-MIN=N:-020NT@ 2233UT G6-AVG=+113,+030,-005
FLUXFCST=STD:070,075,075;SESC:070,075,075 BAI/PAI-FCST=010,010,010/010,010,010
KFCST=2225 5112 2224 4112 27DAY-AP=015,012 27DAY-KP=3423 3333 3332 2333
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 23 AUG 94 was 27.8.

The Full Kp Indices for 23 AUG 94 are: 3+ 3- 1+ 1o 1+ 1+ 2o 2-

The 3-Hr Ap Indices for 23 AUG 94 are: 20 14 5 4 5 5 8 6

Greater than 2 MeV Electron Fluence for 24 AUG is: 3.8E+06

SYNOPSIS OF ACTIVITY

Solar activity was very low. There were no events of note.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field has been at quiet levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled for the entire forecast period.

Event probabilities 25 aug-27 aug

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 25 aug-27 aug

A. Middle Latitudes

Active	20/20/20
Minor Storm	10/10/10
Major-Severe Storm	05/05/05

B. High Latitudes

Active	25/20/20
Minor Storm	15/10/10
Major-Severe Storm	05/05/05

HF propagation conditions were normal over all regions.
No changes are expected over the next 72 hours. Near-normal
propagation conditions will continue through at least 27 Aug.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 24/2400Z AUGUST

NMBR LOCATION LO AREA Z LL NN MAG TYPE
7767 S15W48 299 0000 AXX 00 001 ALPHA
7768 S14W55 306 0010 BX0 02 003 BETA
7769 N10W60 311 0000 AXX 00 001 ALPHA
7770 S08E26 225 0060 DAO 06 005 BETA

REGIONS DUE TO RETURN 25 AUGUST TO 27 AUGUST

NMBR LAT LO

NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 24 AUGUST, 1994

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 24 AUGUST, 1994

BEGIN MAX END LOCATION TYPE SIZE DUR II IV

NO EVENTS OBSERVED

INFERRRED CORONAL HOLES. LOCATIONS VALID AT 24/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
01	S50E19	S51E05	S26W19	S25W11	255	EXT	NEG	013	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NO EVENTS OBSERVED.

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

C	M	X	S	1	2	3	4	Total	(%)
--	--	--	--	--	--	--	--	--	--
Uncorrellated:	0	0	0	0	0	0	0	000	(0.0)

Total Events: 000 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
-----	-----	-----	-----	-----	-----	-----	-----	-----

NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After.

All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep

V = Type V Sweep
Continuum = Continuum Radio Event
Loop = Loop Prominence System,
Spray = Limb Spray,
Surge = Bright Limb Surge,
EPL = Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Fri, 26 Aug 1994 06:33:26 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!
europia.eng.gtefsd.com!news.umbc.edu!eff!wariat.org!malgudi.oar.net!witch!dwghost!
dougg@network.ucsd.edu
Subject: General Class course
To: info-hams@ucsd.edu

Does anyone know if there is a General Class course being taught in amateur radio for the Baltimore-Anapolis area? This area is in Maryland USA. Thanks in advance for any information.

Date: Thu, 25 Aug 1994 17:01:06
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.cac.psu.edu!news.pop.psu.edu!
psuvax1!news.cc.swarthmore.edu!netnews.upenn.edu!netaxs.com!slip-81.netaxs.com!
jsamuels@network.ucsd.edu
Subject: L.A. Area Assistance For LY2B0
To: info-hams@ucsd.edu

Sak, LY2B0 is flying into Los Angeles to join the Sailing Vessel LISVE (Capt. Miniotiz) arriving at the San Pedro Marina on or about 09/01/94. The LISVE is on a world tour. Sak will have the period 9/1-9/7 to install his Russian transceiver onboard and continue with the vessel around South America on it's way to the eastern US. He plans to operate MM from the S/V LISVE in route. In anticipation of possible trouble with the installation, he desires US amateur contacts in the LA area that he may call upon for assistance, if needed.

If you can be on stand-by during 9/1 - 9/7 to lend a possible hand, Sak would appreciate it very much.

Please E-Mail me with your name, call, and local land-line number to pass on to Sak if you can help.

Thanks, 73's.

Jim, W3BG (jsamuels@netax.com)

Date: Sat, 27 Aug 94 19:44:36 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: Liscence
To: info-hams@ucsd.edu

I'm a 14 year old would be Ham. Where can I get liscenced for Technician?

Date: Thu, 25 Aug 1994 18:56:09 -0400
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!news.msfc.nasa.gov!
niven.ksc.nasa.gov!algol.ksc.nasa.gov!NewsWatcher!user@network.ucsd.edu
Subject: Manual for RS HTX-100
To: info-hams@ucsd.edu

In article <33iepi\$t5a@news.aero.org>, cantrell@sparky1.aero.org (John
Cantrell) wrote:

> Does anyone know if Radio Shack publishes a service
> manual for the HTX-100 10 meter xceiver?

cantrell-

Yes, they do. Perhaps the R/S 800 parts ordering number would be easier
to deal with?

73, Fred, K4DII

Date: Fri, 26 Aug 1994 04:09:12 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!ulowell!vtc.tacom.army.mil!news1.oakland.edu!condor.ic.net!
ucath!scott.turner@network.ucsd.edu
Subject: Motorola HT 1000
To: info-hams@ucsd.edu

Can anyone give me info about the Motorola HT 1000. I just bought one
from a local business that was going under, and got a great deal on it.
How can I get it re-programmed for the freqs that I want???? It seems
to be a fine little radio and I would love to use it. Any and all help
would be greatly appreciated!!! Oh and yes I am a licensed amateur radio
operator.

Scott Turner
N8VGN

Date: 26 Aug 1994 07:16:18 -0400
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!agate!howland.reston.ans.net!
torn!nott!cunews!freenet.carleton.ca!freenet3.scri.fsu.edu!freenet3.scri.fsu.edu!
not-for-mail@network.ucsd.edu
Subject: Need QSL database address (auto responder!)
To: info-hams@ucsd.edu

Hi, Paul [N9WHG]--

The method described by WB4IUX is the one I've used with
excellent success..keep trying, it'll work. 73,

Michael Christie, K7RLS
Crawfordville, Florida

Date: Sat, 27 Aug 94 11:40:21 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: QEX Magazine - Where to Find?
To: info-hams@ucsd.edu

I want to get a copy of the August 1994 issue of the QEX magazine. I have
search my local book stores and have only found the same four amateur
radio magazines, but no QEX. Can someone please let me know where to find
this magazine. Are there amateur radio shops that would stock this magazine?

Thanks for your help.

Brian Carlson
Dallas, TX

Date: Fri, 26 Aug 1994 22:42:00 GMT
From: news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!
library.ucla.edu!ihnp4.ucsd.edu
Subject: QST Subscription?
To: info-hams@ucsd.edu

I sent my check into the ARRL for a sub to QST but
never received even a single issue (they, however, did
cash the check promptly).

I next wrote a letter to ARRL HQ asking about my sub

but I received no reply after several months.

Is there a specific person in charge of subs to
QST at ARRL HQ? What is their address, phone, fax, e-mail #?

I would use the masthead of QST to get this info, but I don't
seem to have one around. :)

Does this happen frequently?

73 k06eb

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

Date: Sat, 27 Aug 1994 05:54:17 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!
nntp.msstate.edu!saimiri.primate.wisc.edu!news.doit.wisc.edu!
F181-160.net.wisc.edu!bmicales@network.ucsd.edu
Subject: QST Subscription?
To: info-hams@ucsd.edu

>Is there a specific person in charge of subs to
>QST at ARRL HQ? What is their address, phone, fax, e-mail #?

Circulation Manager - Debra Jahnke
Deputy Circulation Manager - Katherine Fay, N1GZO

225 Main St.
Newington, CT 06111-1494
Telephone: 203-666-1541
Telex: 650215-5052 MCI
Fax: 203-665-7531 (24 hour direct line)
ARRL BBS: 203-666-0578

I hope this helps...sorry to hear about this.

73 de WA2DEU
Bruce Micale

Date: 25 Aug 1994 23:51:55 GMT

From: usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!yeshua.marcam.com!
zip.eecs.umich.edu!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!library.ucla.edu!
agate!cat.cis.Brown.EDU!@ihnp4.ucsd.edu
Subject: re:Cushcraft R7. Does it work?
To: info-hams@ucsd.edu

In article <199408242134.AA06165@ub4b.eunet.be>, p_casier@ub4b.eunet.BE
(Peter Casier) wrote:

> > I have a Cushcraft R7 antenna. It has never been satisfactory. It resonates
> > on some bands and not on others.

I helped a pal assemble, adjust and mount and R7. After one particularly stinging RF burn on the ear (a radial hit me in the ear while I was holdin the antenna mast) we got the antenna working. Excellent little piece of metal! It outperformed his nifty little wire dipole like no tomorrow and this from a vertical!

> Some tips (might seem ridiculous, but...)
> Check the coax line.
> For swr checks, and adjustments, connect the swr meter to the antenna itself
> with a 2x male connector.
> Start adjusting the traps from bottom up or top down.
> As the traps are cascaded, check for faulty traps of the highest low band
> which works - 40 in your case - or lowest high band which does not -30 m in
> your case, I think.
> Check the matching unit (the big black box).

I agree. Most of this was covered in the installation and assembly/adjustment instructions.

--
== Tony Pelluccio, KD1NR, VE ARRL/W5YI Tel. (401) 863-1880
== Brown University ADIR Fax. (401) 863-2269
== Discontent is the first step in the progress of a man or a nation.
== ObDisclaimer: The opinions are mine and not those of Brown University.

Date: 27 Aug 94 07:15:45 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!library.ucla.edu!csulb.edu!
paris.ics.uci.edu!ucivax!gateway@network.ucsd.edu
Subject: Ten Tec Corsair stability
To: info-hams@ucsd.edu

Anyone out there with the Ten Tec Corsair try to stabilize the PTO more than Ten Tec did? Mine really doesn't drift much to speak of, but it is enough that with my 250 Hz filter in CW, after a time I have to

think about it.

I have heard that there is some fellow in the South somewhere who did a comparator circuit (?) to stabilize the PTO really well. Anyone have any info on this or any other ideas?

Clark

.....

Clark Savage Turner, Graduate Student Researcher

WA3JPG, QRP #3526, active on HF, VHF and UHF.

Date: Sat, 27 Aug 1994 04:33:58 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.intercon.com!panix!ddsw1!
indep1!clifto@network.ucsd.edu
Subject: test
To: info-hams@ucsd.edu

In article <9408241147.AA02396@hpcltr08.neth.hp.com> johnnym@hpcltr08.NETH.hp.COM (Johnny van Mourik) writes:
>Doet tie ut of doet tie ut nie?

Tch, tch. Engels, alstublieft.

cliff Sharp

WA9PDM

clifto@indep1.chi.il.us

Optimists say, "The glass is half full."

Pessimists say, "It's half empty."

We realists say, "Before I decide,

tell me what's in the glass."

Date: Fri, 26 Aug 1994 22:51:43 GMT

From: ihnp4.ucsd.edu!sdd.hp.com!math.ohio-state.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
slay@network.ucsd.edu
To: info-hams@ucsd.edu

References <32tson\$ejf@news4all.hacktic.nl>, <1994Aug24.182340.53010@ucl.ac.uk>, <33hoss\$err@sirio.cineca.it>.gtrfs
Subject : Re: Internet gateway to packet radio in W

If you are interested in using the NOARY packet/internet gateway; or if you simply want to access his bbs remotely via internet, here are the proper addresses:

gateway_info@arasmith.com

will automatically send you gateway instructions. These are about 10Kb and tell you how to operate the gateway from both directions.

gateway_request@arasmith.com

This is the address to send in a registration request. You must include fullname, call, city/state, zip and a phone number. It normally takes me a few hours to get you registered, it is a manual verification process. You will be notified when the registration is complete.

bob@arasmith.com

This is Bob's (NOARY) address, use it when you have problems.

There is a mirror image of my setup located in Fremont CA, just across the bay from Sunnyvale, CA. The sysop there is Pat. His addresses are:

gateway_info@lbc.com

gateway_request@lbc.com

pat@lbc.com

NOARY also has bbss coming up in other areas of the US. I don't know whether or not they will allow unlimited access of their gateways.

In addition, there has been recent requests for a bbs that runs on a Sun. The NOARY bbs does run on Suns. It was developed on a 3/80 but now resides on his network of sparc's. Since the bbs makes heavy use of network sockets it doesn't have to reside on a single machine although most people run it that way. The code has also been ported to HP workstations and 386/486s running linux. The HP and linux ports where done by Bob Proulx, KF0UW, in Colorado.

For info on these ports try contacting him directly at

rwp@hprwp.fc.hp.com

NOARY just went through a major upgrade in his code and will not have it available for ftp until it has been thoroughly tested. This activity is in progress. He will try to make an announcement when it is available. To get more information about the bbs and how it functions in a unix environment ftp the file arasmith.com:/pub/n0ary.bbs/Architecture.ps.Z. When the bbs becomes available it will be ftp'able from that same location.

Any other questions, just yell.

Bob Arasmith
bob@hal.com (work)
bob@arasmith.com (home)
n0ary@n0ary.#nocal.ca.usa.na (packet)

Hope that helps.
73 de Sandy WA6BXH/7J1ABV
slay@netcom.com

Date: Fri, 26 Aug 1994 07:33:46 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!news.umbc.edu!eff!wariat.org!malgudi.oar.net!witch!ted!
mjsilva@network.ucsd.edu
To: info-hams@ucsd.edu

References <33da97\$nrq@taco.cc.ncsu.edu>,
<YEE.94Aug23200408@mipgsun.mipg.upenn.edu>,
<511@ted.win.net><Cv2n1J.KD5@news.Hawaii.Edu>
Reply-To : mjsilva@ted.win.net (Michael Silva)
Subject : Re: QST the logo/QST the signal --- revisited

In article <Cv2n1J.KD5@news.Hawaii.Edu>, Jeffrey Herman (jeffrey@kahuna.tmc.edu) writes:
>In article <511@ted.win.net> mjsilva@ted.win.net (Michael Silva) writes:
>
>>I would say that CQ is "Calling *any* station", while QST is "Calling
>>*all* stations".
>
>Well Mike, that would be the wrong thing to say. Moving from the ham
>bands into the commercial bands CQ means 'calling *all* stations'.
>
>Why would a shore station, prior to sending the WX, want to call
>for 'any' station/ship?
>
>Why would a naval vessel, prior to at-sea missile testing, want to
>call for 'any' station/ship?
>
>Both these examples illustrate that (on the professional frequencies)
>CQ is the general call for *all* stations.
>
Uh-oh. Was this a discussion about commercial usage? If so, I'm

afraid I don't know anything on that subject, so I guess my ignorance
is both my defense and my bliss.

Mike, KK6GM

End of Info-Hams Digest V94 #968
